**Interpreting Maps, Graphs, and Charts – Scavenger Hunt** 7th Grade Pre-Algebra Project

**Objectives:** To make inferences and convincing arguments based on an analysis of given or collected data

To identify and apply mathematics to everyday experiences, to activities in and outside of school, with other disciplines, and with other mathematical topics

Use the internet as a source of information and learning

**Directions:** Students will compile 20 examples of maps, graphs, and/or charts representing data from the upcoming DC/VA trip. **Each student will provide 3 maps, 5 charts, and 12 graphs of statistical information that has to do with some aspect of the trip itinerary. In addition, students will provide a complete sentence(s) interpreting the meaning of each.** Examples of topics might include population, political, weather, tourism, crime rate, income, landmarks (rivers, lakes, historical markers), or any type of information regarding DC and VA that might be given in the form of a map, graph, or chart. Some helpful websites would include the Chamber of Commerce for each city visited, or for example, google “weather statistics for Richmond, Va”. These 20 items should be displayed one full size poster board along with the title, key, and explanation of each.

**Grading:** This project will count as a ***test grade***.

Grades will be based on the following:

* appropriate # of maps, graphs, and charts; and completeness of the info (title, key, axis labels, etc)
* Information is relevant to some aspect of the trip
* Complete sentence interpreting the information from each map, graph, or chart
* Neatness of the information on the poster board

**Itinerary Highlights**

Arlington, VA – Pentagon Memorial, U.S. Air Force Memorial, Arlington National Cemetery, Iwo Jima Memorial

Washington, DC – Capitol Building, Library of Congress, National Archives, Smithsonian, Korean Memorial, Lincoln Memorial, Vietnam Memorial

Charlottesville, VA – Michie Tavern, Monticello

Richmond, VA – St. John’s Church

Williamsburg, VA – Colonial Williamsburg, Merchant’s Square

Jamestown Settlement

Mt. Vernon, VA – Mt. Vernon Plantation House

Example found at: <http://www.city-data.com/city/Williamsburg-Virginia.html>

I “googled” Williamsburg Virginia statistics.

